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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/386,000	08/30/1999	KENICHI MIYAZAKI	Q55595	9906

7590 03/18/2002

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2100 PENNSYLVANIA AVENUE NW
WASHINGTON, DC 200373202

EXAMINER

MACKEY, PATRICK HEWEY

ART UNIT	PAPER NUMBER
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3651

DATE MAILED: 03/18/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/386,000

Applicant(s)

MIYAZAKI, KENICHI

Examiner

Patrick H. Mackey

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 March 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 13 and 15-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6, 16 and 18 is/are allowed.
- 6) ☒ Claim(s) 13, 15 and 17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 3/1/2002 has been entered.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claim 13 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by McCulley. McCulley discloses a sheet feeding area and a plurality of paper rolls arranged obliquely to each other, a printing area (D), and a paper discharge area (generally at 19).

4. Claim 15 is rejected under 35 U.S.C. 102(b) as being anticipated by Hageman. Hageman discloses a sheet feeding area which includes a roll of paper (46), a sheet of paper (s), and linearly extending cover members (42) that cover a first feeding path for the roll of paper from above and supports the sheet of paper from below.

Allowable Subject Matter

5. Claims 1-6, 16, and 18 are allowed.

Response to Arguments

6. Applicant's arguments filed 3/1/2002 regarding claim 13 has been fully considered but they are not persuasive.

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7. The applicant states that McCulley does not disclose or suggest a sheet feeding area positioned at a height at which a user, who is approximately 170 cm and standing erect in front of the printer, can set up a printing medium without having to bend substantially at the waist when the printer is placed at ground level. In response, the examiner first notes that human beings are not statutory subject matter. Thus, the claim cannot be construed to include "a user who is approximately 170 cm and standing erect in front of the printer". But rather only includes the range of heights at which the user would not have to bend substantially at the waist when the printer is placed at ground level. The maximum height of this range would approximately be the extent of the overhead reach of a 170 cm tall user. The minimum height of this range is approximately 0 cm. If the user is standing erect below ground level, in a baseball dugout for example, and the printer is placed at ground level, the user would not have to bend substantially at the waist. Therefore, the claim includes sheet feeding area positioned between 0 cm and the extent of the overhead reach of a 170 cm tall user. McCulley discloses a sheet feeding area in this range.

8. The applicant's remarks regarding claims 15 and 17 have been considered and the rejections to these claims have been reformulated. See paragraphs 3 and 4 above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick H. Mackey whose telephone number is (703) 308-0630.

The examiner can normally be reached on Tuesday-Friday 7:00 a.m. - 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Ellis can be reached on (703) 308-2560. The fax phone numbers for the

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organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 308-2571 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

A handwritten signature in black ink, appearing to read 'PHM', is positioned above the printed name of the examiner.

Patrick H. Mackey
Examiner
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March 15, 2002